

**ABSTRACT**

The deployment of packages and their dependents is provided. In an illustrative implementation, an interface operates to expose the components of a package and to determine the dependencies of the components. In operation, a scan is performed on the package components to identify those elements on which the components depend. The result of the scan is a list of dependencies for the components found in the package to be deployed. The exemplary interface further operates to aggregate and merge all of the components and their dependencies of a package for deployment. Once deployed, the interface is executed in the newly deployed environment to expand the package and place the components and their dependencies in the new environment. Using the dependencies determined as part of package assembly and deployment, the interface ensures that the components are properly situated and are operating properly.